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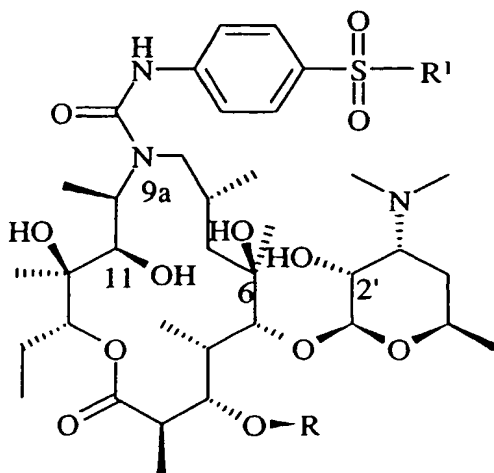
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(54) Title: SUBSTITUTED 9A-N-{N'-[4-(SULFONYL)PHENYL]CARBAMOYL} DERIVATIVES OF 9-DEOXO-9-DI-HYDRO-9A-AZA-9A-HOMOERITHROMYCIN A AND 5-O-DESOSAMINYL-9-DEOXO-9-DI-HYDRO-9A-AZA-9A-HOMOERITHRONOLIDE A



(57) Abstract: The invention relates to substituted 9a-N-{N'-[4-(sulfonyl)phenyl]carbamoyle} derivatives of 9-deoxo-9-dihydro-9a-aza-9a-homoerithromycin A and 5-O-desosaminyl-9-deoxo-9-dihydro-9a-aza-9a-homoerithronolide A, novel semisynthetic macrolide antibiotics of the azalide series general formula (I), wherein R represents H or cladinosyl moiety and R1 represents chloro, amino, phenylamino, 2-pyridylamino, 3,4-dimethyl-4-isoxazolylamino and 5-methyl-3-isoxazolylamino group, and pharmaceutically acceptable addition salts thereof with inorganic or organic acids, to the process for their preparation of pharmaceutical composition as well as the use their compositions for sterilization rooms and medical instruments as well as for protection of wall and wooden coatings.

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